



# 5 Criteria Comments

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**Thank you to those who  
submitted comments!**

**You know who you are. ☺**



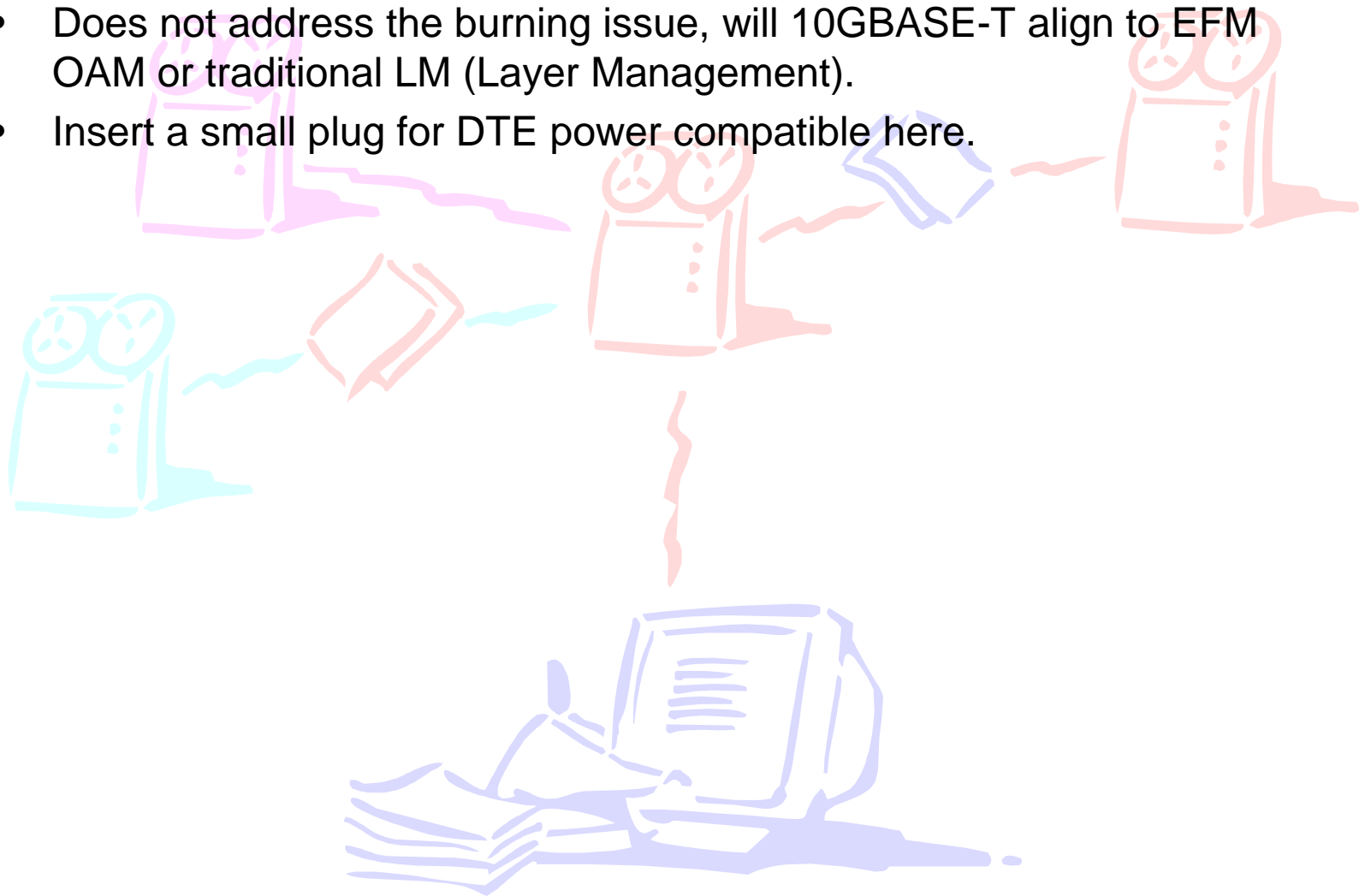
# Broad Market Potential

- The response does not specifically address the subpoints in an individual specific manner with quantitative responses. Rather it asserts that 10GBASE-T has broad market potential simply because copper to the desk has been a piece of all of the lower speeds. The assertion is not supported and it does not address the question presented.
- I know of no rational study that shows that there is any significant market for 10GBASE-T at the desktop.
- I have always had a bit of a problem with this part of the 5 criteria. It is somewhat like fortune telling. While there may be no big push for 10G to the desktop now, figure that there will be in five years when we have 30GHz CPUs and more high-bandwidth apps exist. Right now, anybody doing CGI would take 10G to the desktop in a heartbeat. Is it broad? Probably not.



# Compatibility

- Does not address the burning issue, will 10GBASE-T align to EFM OAM or traditional LM (Layer Management).
- Insert a small plug for DTE power compatible here.



# Distinct Identity

- No comments



# Technical Feasibility

- Well, I haven't been watching that closely but the last time I looked the technical feasibility depended on significantly greater channel bandwidth than the specification of any cabling in 11801 that has been previously specified for use with Ethernet. What is carefully ducked and weaved around here is whether the broad market potential is dependent on existing cabling AND whether the project is technically feasible on that cabling OR if technical feasibility is dependent on Cat 7 cabling THEN is there broad market potential if it takes all new cabling.
- If this will only run over high-bandwidth cables which are not part of the existing plant, are much more expensive than the existing plant, and will require new cable to be pulled, then it's hard to see broad market potential. I also am uncomfortable with the weasel-wording of this section. It's pretty clear that you guys are trying to walk a tightrope.



# Economic Feasibility

- THE major issue is not only production cost but amortization of the high development cost of this very complex chip over a market of questionable size. Further, market conditions have changed since the 1000BASE-T PAR and speculative forward pricing is no longer the norm for the industry.
- "The use of structured twisted pair cabling the standard also insures its economic feasibility." is not a sentence.
- The use of a new premium category of structured twisted pair cabling with a low installed base in the proposed standard will further handicap its economic feasibility.
- I am not a chip expert, but from what I have heard this is going to be pretty tough to do. Expensive chips + expensive cables = low market potential. I realize that X years downstream if CAT whatever cable is the norm and the chips cost next to nothing that this equation is invalid. But when would this happen? 2015? 2020?

